

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2004/000560

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 H01L 21/66**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

H01L 21/48, H01L 21/60, B23K 26/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
KIPONET, ESPACENET "probe positioner, laser bonding"**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KR 89-4245 Y1 (In-Chul Yoon) 26 June 1989 see claim 1 and Fig. 1	1-3
Y	JP 60-247487 A (NIPPON DENKI KK) 07 December 1985 see claim 1 and Fig. 3	6-7
Y	US5811751 A (Tony P. Leong, et al. ) 22 September 1998 see abstract and Figs 1 and 5	1-3,6-7

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family


Date of the actual completion of the international search

06 JULY 2004 (06.07.2004)

Date of mailing of the international search report

06 JULY 2004 (06.07.2004)

Name and mailing address of the ISA/KR


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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/000560

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR89-4245Y1	26.06.1989	none	
JP60-247487A	07.12.1985	none	
US5811751A	22.09.1998	W09522429A1	24.08.1995
		US5963364A	05.10.1999
		US5703713A	30.12.1997
		US5611946A	18.03.1997
		JP3026362B2	27.03.2000
		EP0745015A4	03.12.1997
		CA2182358A1	24.08.1995